

Title (en)  
APPARATUS FOR GRANULATING BY FREEZING LIQUIDS

Publication  
**EP 0362582 A3 19901003 (DE)**

Application  
**EP 89116930 A 19890913**

Priority  
CH 347388 A 19880916

Abstract (en)  
[origin: JPH02191538A] PURPOSE: To improve a production yield by providing dripping disks facing a coolant with nozzle-like drip-off elements and forming these drip-off elements as exchangeable inserts. CONSTITUTION: The dripping device consists of dripping disks 9, 10. The dripping disk 9 is formed as a vessel bottom and the dripping disk 10 is made rotatable with respect to the axial line of a cylindrical body. The dripping disk 9 on an inner side has a nozzle inlet 22 which has a nozzle hole 23 and a flanged widening part 24 on the dripping disk side on the outer side. The exchangeable nozzle-like drip-off element 25 is fitted into the dripping disk 10 on the outer side. The drip-off element 25 has the flanged widening part 26 on the side of the dripping disk 9. The widening part 24 cooperates with the widening part 26 of the nozzle inlet element 22 and the nozzle element is held in the dripping disk by the dripping disks 9, 10 existing in tight contact with each other. The drip-off element 25 may be formed to various shapes by providing the element with a dripping nozzle hole 27 and further, providing the same with a dripping edge 28.

IPC 1-7  
**B01J 2/00**

IPC 8 full level  
**A23L 3/36** (2006.01); **A23L 3/375** (2006.01); **B01J 2/00** (2006.01); **B01J 2/06** (2006.01); **F25C 1/00** (2006.01)

CPC (source: EP US)  
**A23L 3/363** (2013.01 - EP US); **A23L 3/375** (2013.01 - EP US); **B01J 2/00** (2013.01 - EP US); **F25C 1/00** (2013.01 - EP US)

Citation (search report)  
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• [A] US 3162019 A 19641222 - PORTER WILLIAM L, et al  
• [A] US 2979764 A 19610418 - ANDREW EUGENE A

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Designated contracting state (EPC)  
AT BE DE ES FR GB IT NL SE

DOCDB simple family (publication)  
**EP 0362582 A2 19900411**; **EP 0362582 A3 19901003**; CH 677141 A5 19910415; JP H02191538 A 19900727; US 4967571 A 19901106

DOCDB simple family (application)  
**EP 89116930 A 19890913**; CH 347388 A 19880916; JP 23736589 A 19890914; US 40753389 A 19890915